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<b>(51) International Patent Classification <sup>7</sup> :</b> <b>C01B 37/00, 39/02, 39/26, 39/44, 39/48,</b> <b>B01J 37/02, 29/04, 20/18, C10G 3/00</b>	<b>A1</b>	<b>(11) International Publication Number:</b> <b>WO 00/06492</b> <b>(43) International Publication Date:</b> 10 February 2000 (10.02.00)
<b>(21) International Application Number:</b> PCT/GB99/02462 <b>(22) International Filing Date:</b> 28 July 1999 (28.07.99)  <b>(30) Priority Data:</b> 9816508.7                      29 July 1998 (29.07.98)                      GB  <b>(71) Applicant (for all designated States except US):</b> EXXON CHEMICAL PATENTS, INC. [US/US]; 5200 Bayway Drive, P.O. Box 2149, Baytown, TX 77522 (US).  <b>(71) Applicant (for GB only):</b> EXXON CHEMICAL LIMITED [GB/GB]; 4600 Parkway, P.O. Box 122, Fareham, Hants PO15 7AP (GB).  <b>(71) Applicant (for US only):</b> VAN DEN BERGE, Jannetje, M. (legal representative of the deceased inventor) [NL/NL]; Fazantenlaan 26, NL-3233 BB Oostvoorne (NL).  <b>(72) Inventor:</b> VERDUIJN, Johannes, P. (deceased).  <b>(72) Inventors; and</b> <b>(75) Inventors/Applicants (for US only):</b> MERTENS, Machteld, M. [BE/BE]; Beringstraat 72, B-3190 Boortmeerbeek (BE). MORTIER, Wilfried, J. [BE/BE]; Diestse Steenweg 483, B-3010 Kessel-Lo (BE). JANSSEN, Marcel, J., G.	<b>(74) Agents:</b> DARBY, David, Thomas et al.; Abel & Imray, 20 Red Lion Street, London WC1R 4PQ (GB).  <b>(81) Designated States:</b> AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZA, ZW, ARIPO patent (GH, GM, KE, LS, MW, SD, SL, SZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG).  <b>Published</b> <i>With international search report.</i>	
<b>(54) Title:</b> MOLECULAR SIEVES AND PROCESSES FOR THEIR MANUFACTURE		
<b>(57) Abstract</b>		
<p>Crystalline molecular sieve particles of a size suitable for use as seeds in molecular sieve manufacture are obtained by washing larger particle sized product to dislodge smaller particles from the larger.</p>		